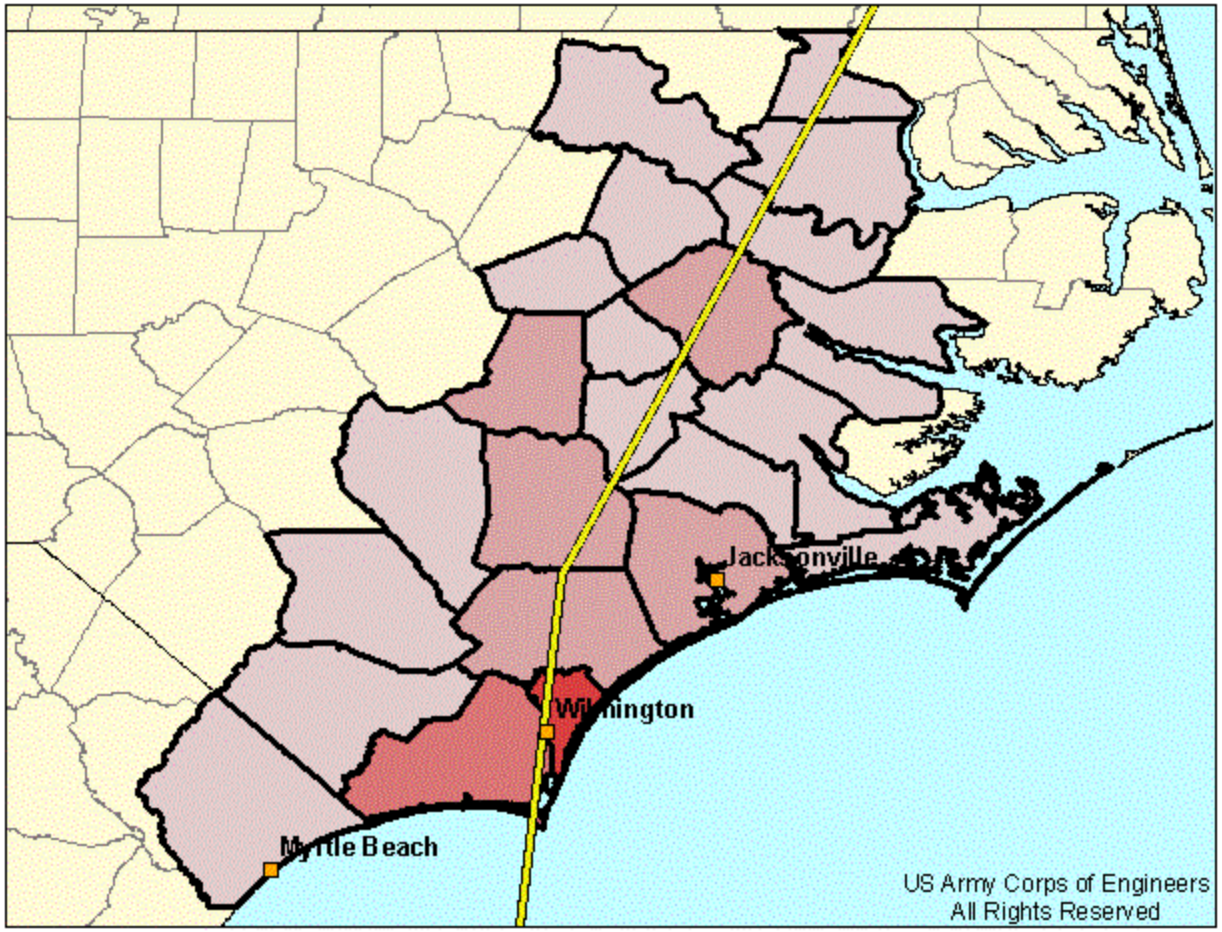
US Army Corps of Engineers

Hurricane NoName 1961 Debris Model

Landfall Plus About 12 Hours

For Planning Purposes Only!



Post Landfall Debris Model Results

North Carolina - 2,287,000 Yards
South Carolina - 41,000 Yards

Model results per County on following page

This model is based on a Category 1 storm making landfall near Wilmington, NC.

Historic Track

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 1 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (1600 EDT 05/22/2008) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName 1961 Debris Model

Generated By:
Siemsen, LRL 1630 EDT 05/22/2008

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName 1961 Debris Model

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	Yards per State	County	Yards per County
North Carolina		Beaufort	38,000
		Bertie	19,000
		Bladen	9,000
		Brunswick	326,000
		Carteret	11,000
		Columbus	22,000
		Craven	89,000
		Duplin	140,000
		Edgecombe	22,000
		Greene	21,000
		Halifax	2,000
		Hertford	16,000
		Jones	23,000
		Lenoir	80,000
		Martin	28,000
		New Hanover	708,000
		Onslow	224,000
		Pender	197,000
		Pitt	179,000
		Sampson	24,000
		Wayne	105,000
		Wilson	4,000
North Carolina	2,287,000		
South Carolina		Horry	41,000
South Carolina	41,000		

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

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Hurricane NoName 1961 Debris Model

Generated By:
Siemsen, LRL 1630 EDT 05/22/2008

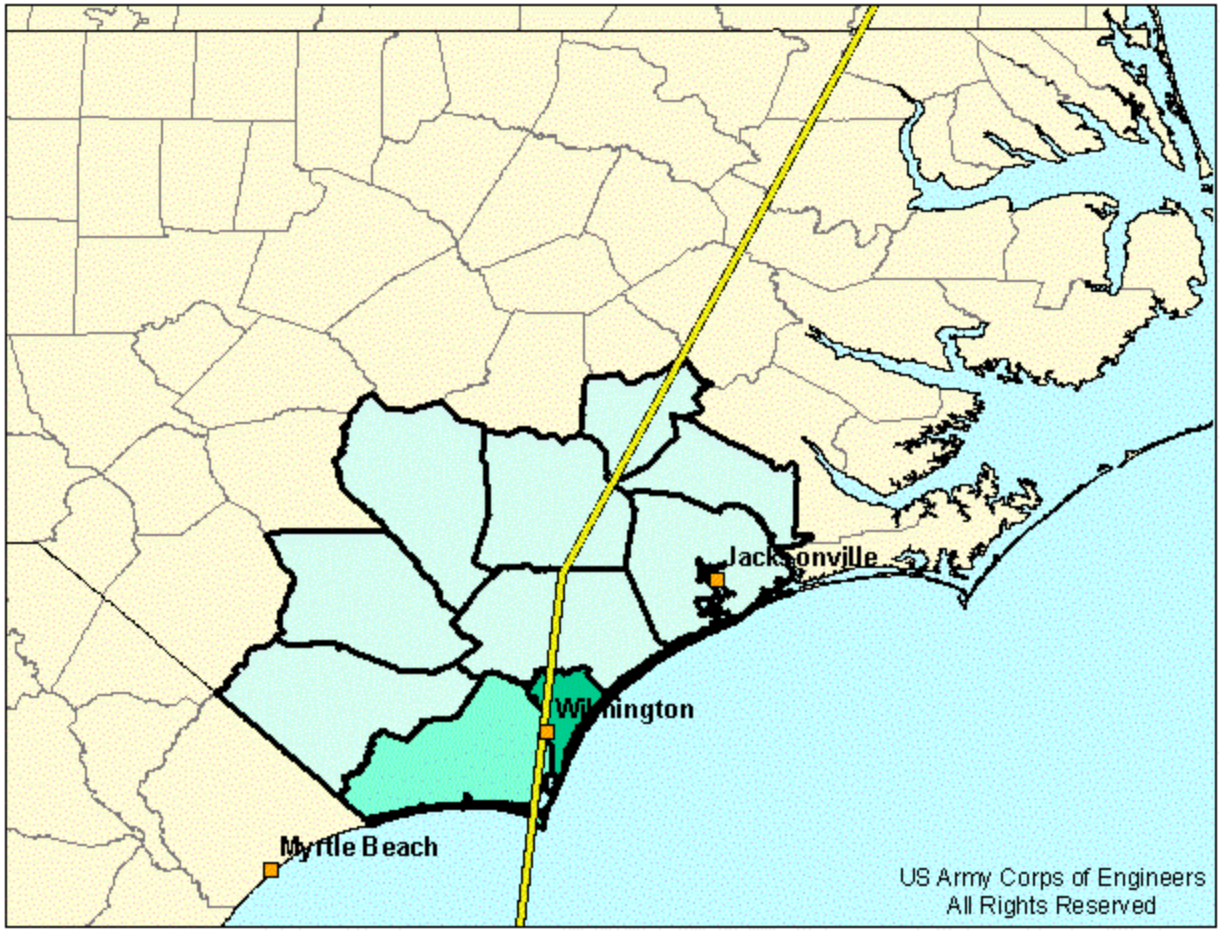
Sources:
HURREVAC
LRL-DEBRIS

Hurricane NoName 1961 Commodities Model

US Army Corps of Engineers

Landfall Plus About **12** Hours

For Planning Purposes Only!



Post Landfall Water Model Results

Day One / Day Two / Day Three
NC – 8/16/33 Truckloads

Model results per County on following page

This model is based on a Category 1 storm making landfall near Wilmington, NC.

Historic Track

Commodities

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 1 storm making landfall near Wilmington, NC. These projections are based on information from the NHC ***(1600 EDT 05/22/2008)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName 1961 Commodities Model	
Generated By: Siemsen, LRL 1630 EDT 05/22/2008	
Sources: HURREVAC LRL-DEBRIS	Page 3 of 12

US Army Corps of Engineers

Hurricane NoName 1961 Commodities Model

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	Truckloads per State	County	Truckloads per County
North Carolina		Bladen	1
		Brunswick	5
		Columbus	1
		Duplin	3
		Jones	1
		Lenoir	1
		New Hanover	13
		Onslow	3
		Pender	4
		Sampson	1
North Carolina	33		

The amount of commodities forecasted is based on Mission Guide Book requirements and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Source: US Army Corps of Engineers, All Rights Reserved

Hurricane NoName 1961 Commodities Model

Generated By:
Siemsen, LRL 1630 EDT 05/22/2008

Sources:
HURREVAC
LRL-DEBRIS

Hurricane NoName 1961 Temporary Roofing Model

US Army Corps of Engineers

Landfall Plus About 12 Hours

For Planning Purposes Only!

Post Landfall Temporary Roofing Model Results

North Carolina - 4,700

Model results per County on following page

This model is based on a Category 1 storm making landfall near Wilmington, NC.

Historic Track

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 1 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (1600 EDT 05/22/2008) forecast. Temporary roofing is based on 3% in CAT 1.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName 1961 Roofing Model	
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Sources: HURREVAC LRL-DEBRIS	Page 5 of 12

US Army Corps of Engineers

Hurricane NoName 1961 Temporary Roofing Model

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	House Units per State	County	House Units per County
North Carolina		Bladen	< 100
		Brunswick	900
		Columbus	< 100
		Duplin	400
		Jones	< 100
		Lenoir	< 100
		New Hanover	2,400
		Onslow	400
		Pender	600
		Sampson	< 100
North Carolina	4,700		

Temporary roofing is based on 3% in CAT 1.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane NoName 1961 Roofing Model

Generated By:
Siemsen, LRL 1630 EDT 05/22/2008

Sources:
HURREVAC
LRL-DEBRIS

Hurricane NoName 1961 Temporary Housing Model

US Army Corps of Engineers

Landfall Plus About 12 Hours

For Planning Purposes Only!

Post Landfall Temporary Housing Model Results

Model results per County on following page

This model is based on a Category 1 storm making landfall near Wilmington, NC.

Historic Track

Temporary Housing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 1 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (1600 EDT 05/22/2008) forecast. Temporary housing is based on nothing.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName 1961 Housing Model	
Generated By: Siemsen, LRL 1630 EDT 05/22/2008	
Sources: HURREVAC LRL-DEBRIS	

Hurricane NoName 1961 Temporary Housing Model

US Army Corps of Engineers

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	House Units per State	County	House Units per County
		No Temporary Housing need expected	

Temporary housing is based on nothing.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Source: US Army Corps of Engineers, All Rights Reserved

Hurricane NoName 1961 Housing Model

Generated By:
Siemsen, LRL 1630 EDT 05/22/2008

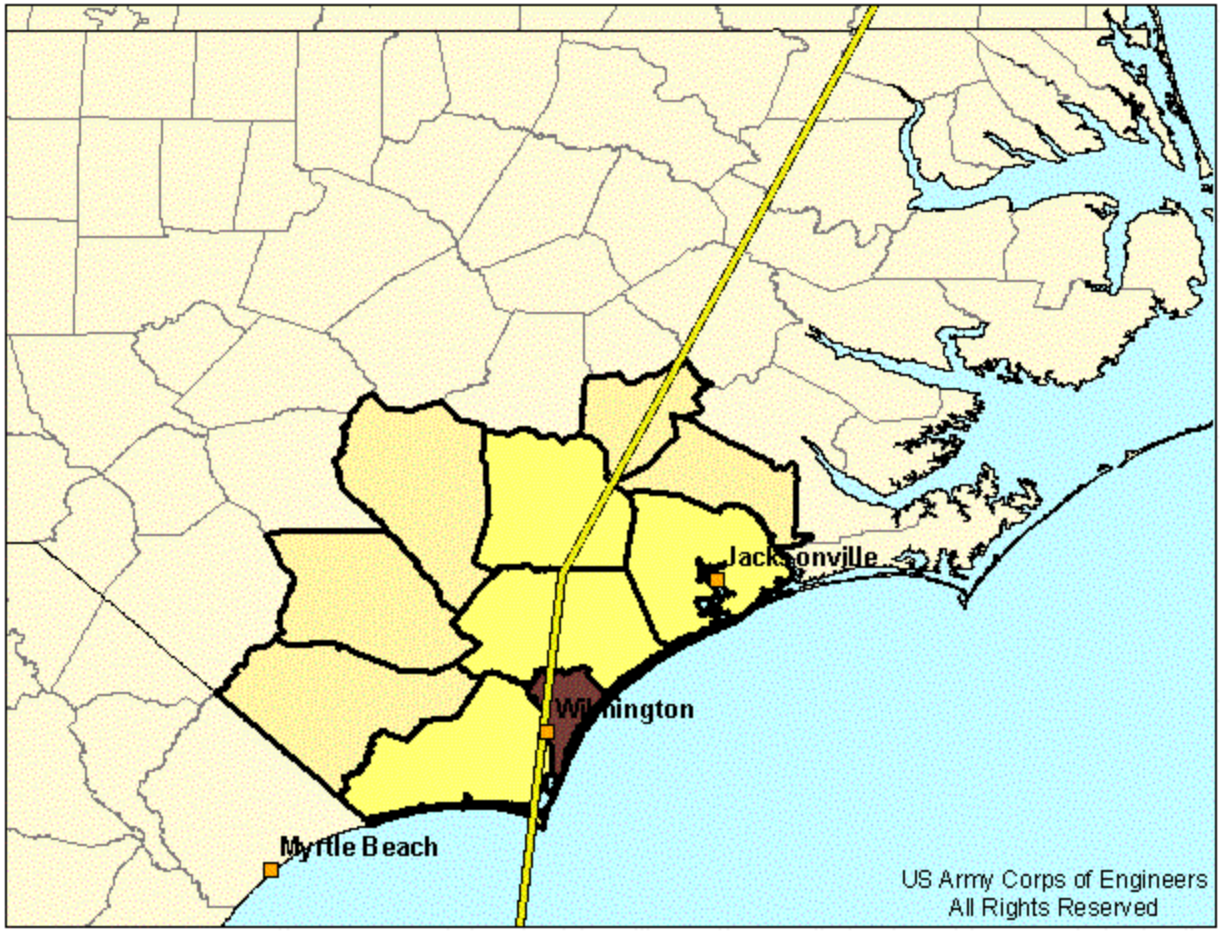
Sources:
HURREVAC
LRL-DEBRIS

Hurricane NoName 1961 Population Model

US Army Corps of Engineers

Landfall Plus About 12 Hours

For Planning Purposes Only!



Post Landfall Population Model Results

North Carolina - 376,000

Model results per County on following page

This model is based on a Category 1 storm making landfall near Wilmington, NC.

Historic Track

Population

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 1 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (1600 EDT 05/22/2008) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2006 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName 1961 Population Model	
Generated By: Siemsen, LRL 1630 EDT 05/22/2008	
Sources: HURREVAC LRL-DEBRIS	Page 9 of 12

US Army Corps of Engineers

Hurricane NoName 1961 Population Model

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	Population per State	County	Population per County
North Carolina		Bladen	< 1,000
		Brunswick	71,000
		Columbus	3,000
		Duplin	33,000
		Jones	< 1,000
		Lenoir	5,000
		New Hanover	183,000
		Onslow	33,000
		Pender	48,000
		Sampson	< 1,000
North Carolina	376,000		

The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2006 values.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane NoName 1961 Population Model

Generated By:
Siemsen, LRL 1630 EDT 05/22/2008

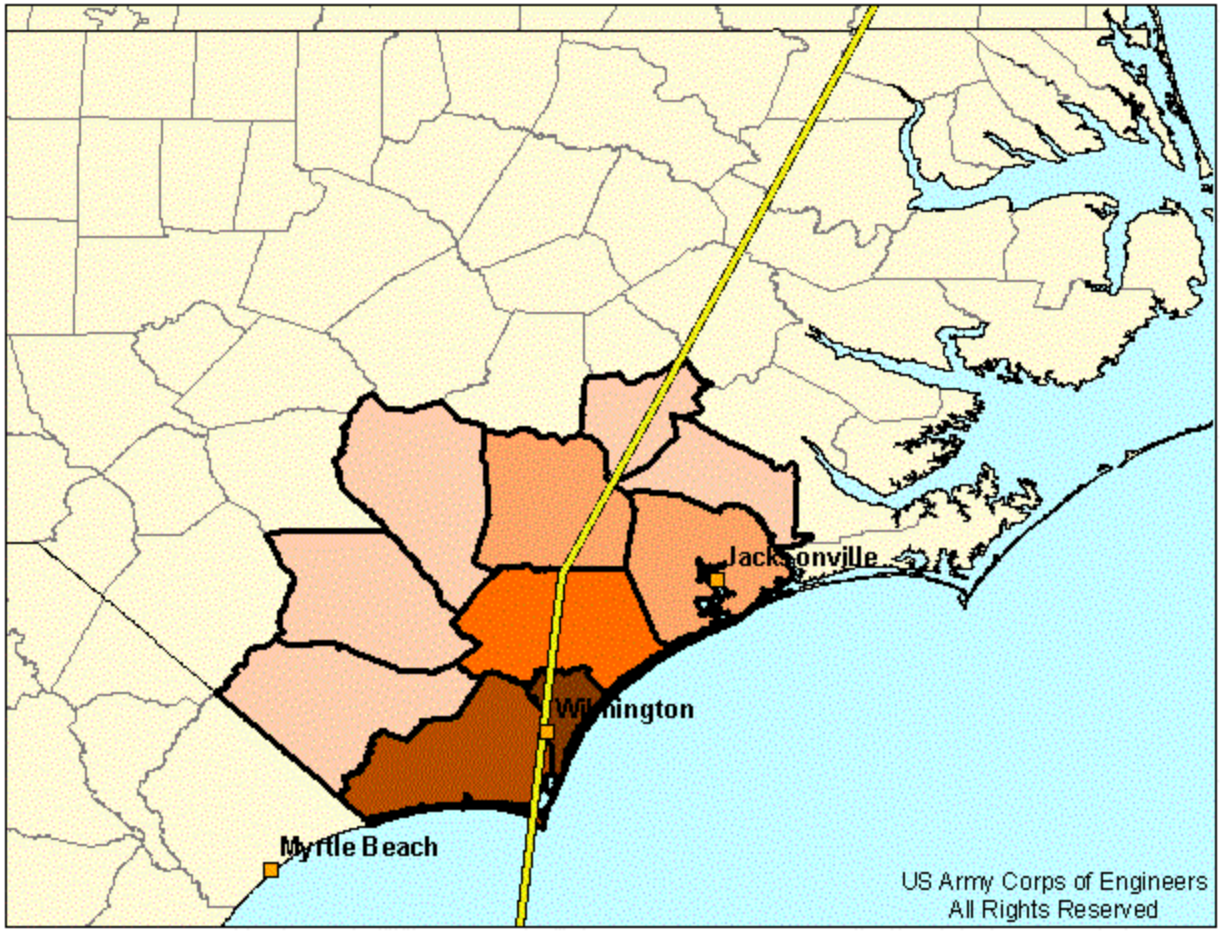
Sources:
HURREVAC
LRL-DEBRIS

Hurricane NoName 1961 Households Model

US Army Corps of Engineers

Landfall Plus About **12** Hours

For Planning Purposes Only!



Post Landfall Households Model Results

North Carolina - 157,000

Model results per County on following page

This model is based on a Category 1 storm making landfall near Wilmington, NC.

Historic Track

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 1 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (1600 EDT 05/22/2008) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2006 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName 1961 Households Model	
Generated By: Siemsen, LRL 1630 EDT 05/22/2008	
Sources: HURREVAC LRL-DEBRIS	Page 11 of 12

US Army Corps of Engineers

Hurricane NoName 1961 Households Model

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	Households per State	County	Households per County
North Carolina		Bladen	< 1,000
		Brunswick	30,000
		Columbus	2,000
		Duplin	13,000
		Jones	< 1,000
		Lenoir	2,000
		New Hanover	78,000
		Onslow	13,000
		Pender	19,000
		Sampson	< 1,000
North Carolina	157,000		

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2006 values.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane NoName 1961 Households Model

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Sources:
HURREVAC
LRL-DEBRIS